## IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

*Listing of Claims*

**Please cancel claims 2 and 7**

1.      (Currently Amended) A method for reducing [[the]] a number of calculations required to correlate an incoming spread spectrum signal received by a GPS receiver and encoded with a pseudorandom code, comprising:

determining, for the spread spectrum signal, ~~mathematical processes~~ partial accumulations that are repeated in a correlation process of the spread spectrum signal using a data slice of the spread spectrum signal made up of in  phase (I) signal data and quadrature phase (Q) signal data correlated with pseudorandom codes, wherein the data slice of the spread spectrum signal includes a plurality of data bytes and a plurality of pseudorandom code bytes;

removing at least a portion of the ~~mathematical processes~~ partial accumulations that are repeated in the correlation process of the I signal and the Q signal data with the pseudorandom codes and results in remaining ~~mathematical processes~~ partial accumulations in the correlation process, ~~where the in phase (I) signal data is accumulated separately from the (Q) signal data~~;

storing the remaining ~~mathematical processes~~ partial accumulations in at least one table; and

using the data slice and the at least one table during the correlation process to determine when a locally generated pseudorandom code and the incoming pseudorandom code received at the GPS receiver are correlated, wherein the at least one table is constructed for one of the terms of the spread spectrum signal.

2.      (Canceled)

3.      (Currently Amended) The method of claim 1 2, wherein a portion of the locally generated code and a portion of the incoming pseudorandom code are used to determine correlation of the locally generated code and the incoming pseudorandom code.

4.      (Original)      The method of claim 3, wherein the incoming spread spectrum signal is a Satellite Positioning System (SATPS) signal.

5.      (Original)      The method of claim 4, wherein the SATPS signal is a Global Positioning System (GPS) signal.

6.      (Currently Amended) The method of claim 5, wherein the at least one table is addressed using at least one data bit of the GPS signal and at least one associated code bit of the GPS signal.

7.      (Canceled )

8.      (Currently Amended) The method of claim 1 7, wherein the data bytes are represented by In-phase (I) and Quadrature phase (Q) forms.

9-16.(Cancelled)

17.     (New)      The method of claim 1, wherein the data slice includes a 4 byte data word and a 4 byte code word.

18.   (New)      The method of claim 1, wherein the data slice is used to retrieve a first partial accumulation value from the at least one table.

19.   (New)      The method of claim 18, wherein a plurality of following data slices are used to retrieve a plurality of subsequent partial accumulation values during a predetermined time period from the at least one table and the subsequent partial accumulation values are added to the first partial accumulation value to produce an accumulator output value.

20.   (New)      The method of claim 18, wherein the locally generated pseudorandom code and the incoming pseudorandom code are correlated when the accumulator output value is at a predetermined maximum value.